

**WHAT IS CLAIMED IS:**

1. A telecommunications system, comprising:
  - 5 a plurality of remote clients including a positioning controller and a communications controller, said positioning controller receiving position information and said communications controller communicating said position information; and a server including a coordinating controller for maintaining a database of location-presence rules for remote clients that are being tracked;
  - 10 wherein said location-presence rules are user-configurable from a network client.
2. A telecommunications system in accordance with claim 1, wherein said positioning controller receives global positioning network signals for determining a position of an associated network client.
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3. A telecommunications system in accordance with claim 2, wherein said communications controller comprises a cellular network controller for transmitting on a cellular telephone network to said server.
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4. A telecommunications system in accordance with claim 1, wherein said network clients include one or more graphical user interfaces (GUI) for inputting geographical information, presence status, and contact information via a mapping feature.
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5. A telecommunications system in accordance with claim 1, wherein said remote clients receive said location-presence rules from said server.
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6. A telecommunications system in accordance with claim 1, wherein said remote clients transmit current location information to said server.
7. A telecommunications server, comprising:
  - a presence control unit adapted to receive and maintain presence information

for a plurality of users; and

a location control unit adapted to receive and maintain location information for said plurality of users, said location information correlated with said presence information, said location information being received from remote users having

5 positioning controllers for receiving location information and communication controllers for transmitting said location information to said server via a wireless communication network;

wherein presence and location correlation rules are received from one or more network clients operably coupled to said server and associated with said

10 remote users.

8. A telecommunications server in accordance with claim 7, wherein said network clients comprise one or more computers with graphical user interfaces including mapping features for setting said presence and location correlation rules.

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9. A telecommunications server in accordance with claim 8, wherein said presence and location correlation rules comprise setting location, presence, and contact rules

20 10. A telecommunications server in accordance with claim 9, wherein said location information is received via a global positioning network.

11. A telecommunications server in accordance with claim 10, wherein said location information is transmitted via a cellular telephone network.

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12. A telecommunications method, comprising:  
receiving one or more user positioning and presence correlation rules at a server, wherein positioning information is received from remote users having positioning controllers for receiving location information and communication controllers for transmitting said location information to said server via a wireless communication network; and  
transmitting said one or more positioning and presence correlation rules to at

least one of said remote users.

13. A telecommunications method in accordance with claim 12, further comprising:

5 receiving positioning updates at said remote user; and  
transmitting presence updates to via said server as specified in said one or more positioning and presence correlation rules.

14. A telecommunications method in accordance with claim 13, wherein  
10 said receiving one or more user positioning and presence correlation rules comprises receiving at said server one or more rules set via a network interface device operably coupled to said one or more local controllers.

15. A telecommunications method in accordance with claim 14, wherein  
15 said receiving positioning updates comprises receiving one or more signals from a global positioning network.

16. A telecommunications method in accordance with claim 15, wherein  
said wireless network comprises a cellular telephone network.

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17. A telecommunications method in accordance with claim 15, wherein  
said wireless network comprises a personal communication service (PCS) network.

18. A graphical user interface for setting one or more location and  
25 presence correlation parameters for use by remote network devices having  
positioning controllers for receiving positioning signals and communication  
controllers for transmitting said positioning signals to a server.

19. A graphical user interface as recited in claim 18, wherein said location  
30 and presence correlation parameters comprise location, presence status, and  
contact parameters.

20. A graphical user interface as recited in claim 18, wherein said positioning signals comprise global positioning system signals.